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- (71) Applicant (for all designated States except US): IMERYS PIGMENTS, INC. [US/US]; Suite 300, 100 Mansell Court East, Roswell, GA 30076 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GARSKA, Michael, J. [US/US]; 271 South Anderson Drive, Sandersville, GA 31082 (US). PRUETT, Robert, J. [US/US]; 113 Cambridge Drive North, Milledgeville, GA 31061 (US). YUAN, Jun [US/US]; 119 Springfield Lane, Warner Robins, GA 31088 (US). GOLLEY, Christopher, R., L. [GB/US]; 617 Linton Road, Sandersville, GA 31082 (US).
- (74) Agent: GARRET, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L., L.P., 1300 I Street, Northwest, Washington, DC 20005-3315 (US).

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(54) Title: A METHOD OF TREATING AN AQUEOUS SUSPENSION OF KAOLIN

(57) Abstract: A method for the treatment of kaolin particulate material comprising: providing a dispersed aqueous suspension comprising kaolin particulate material and having a pH of at least about 7.5; selecting at least one selective flocculation polymer, wherein said at least one selective flocculation polymer has a measured anionicity ranging from about 1% to about 12%, such as from about 4.5% to about 8%; selectively flocculating said suspension into a first layer and a second layer by adding to said suspension said at least one selective flocculation polymer; and separating said first layer from said second layer.

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